

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant: Mukerji et al.

Serial No.: 10/060,793

Filed: January 30, 2002

For: DESATURASE GENES,
ENZYMES ENCODED THEREBY AND
USES THEREOF

Case No.: 6884.US.01

Examiner: McElwain, E.F.

Group Art Unit: 1638

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**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT
APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO
ACID SEQUENCE DISCLOSURES AND SUPPLEMENTAL PRELIMINARY
AMENDMENT**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notice to Comply With Requirements
for Patent Applications Containing Nucleotide Sequence
and/or Amino Acid Sequence Disclosures dated April 13,
2004, Applicants submit a substitute paper copy of the
Sequence Listing and corresponding, substitute computer
readable form. It is submitted that paper copy and
computer readable form are identical and do not include
content beyond that present in the original application, as

filed. Furthermore, it is respectfully requested that the enclosed paper copy and computer readable form of the Sequence Listing replace the paper copy of the Sequence Listing and computer readable form of the Sequence Listing filed on June 18, 2002. Additionally, it is requested that the Sequence Listing be entered into the application subsequent to the claims.

Moreover, in connection with the use of "SYCDEB" in the description of Figure 4 on page 9 of the application, the use of "CELEFAT" in the description of Figure 5 on page 9 of the application and the use of "GHO6DES" in the description of Figure 8 on page 10 of the application, Applicants submit that these are reference designations in connection with organisms. They are not sequences themselves. Thus, they do not need to be included in the Sequence Listing.

In terms of the Supplemental Preliminary Amendment: **Amendments to the Specification** are reflected on page 3 of this paper.

Remarks/Arguments being on page 5 of this paper.